WBLE-SL ▶ UECM140	4-202206-EZZ ▶ Quizzes ▶ 202206UECM	14040E1 ► Review of preview	Ipdate this Quiz				
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Start again Review of preview							
Started on	Tuesday, 28 June 2022, 08:21 PM	Review of preview					
Completed on	Tuesday, 28 June 2022, 08:21 PM						
Time taken Grade	8 secs 0 out of a maximum of 10 (0%)						
Grade	Code of a maximum of 10 (C78)						
1 🕏 Marks: 1	Simon deposits 10,000 in a bank. Dur bank. Calculate i	ing the first year, the bank credits an annual effective rate of interest i. During the second year, the bank credits an annual effective rate of interest (i-3%). At the end of two years, he has 11,400.00 in t	he				
	Answer:	x					
	Make comment or override grade						
	Incorrect Correct answer: 0.082813						
	Marks for this submission	: 0/1.					
2 🕝 Marks: 1		fective annual interest rate of i during the first 10 years, and at an effective annual interest rate of 3.5i thereafter. A deposit of 1 is made into the fund at time 0. It accumulates to 2.18 at the end of 18 ars. What is the value of deposit at the end of 13 years?					
	Answer:	X X					
	Make comment or override grade						
	Incorrect Correct answer: 1.525856						
	Marks for this submission	: 0/1.					
3 👺 Marks: 1	Fund A is invested at an effective ann Fund B is invested at an effective ann At the end of 23 years, the total in th At the end of 34 years, the amount in Calculate the total in the two funds at	ual interest rate of 7%. e two funds is 13000. Fund A is twice the amount in Fund B.					
	Answer:	x					
	Make comment or override grade						
	Incorrect						
	Correct answer: 6230.758532 Marks for this submission	: 0/1.					
4 🕏 Marks: 1	An investor puts 360 into Fund X and amount in Fund X. Calculate the amount	360 into Fund Y. Fund Y earns compound interest at the annual rate of j > 0, and Fund X earns simple interest at the annual rate of 1.08j. At the end of 2 years, the amount in Fund Y is equal to the until in Fund Y at the end of 5 years.					

	Answer:] <i>x</i>				
	Make comment or override grade Incorrect Correct answer: 756.122997 Marks for this submission	: 0/1.					
5 ☑ Marks: 1	 10,796.87 immediately. 						
	Answer:] x				
	Make comment or override grade Incorrect Correct answer: 4242.27975 Marks for this submission	: 0/1.					
6 Marks: 1	A deposit of 380 is made into a fund which pays an annual effective interest rate of 5% for 15 years. At the same time, 190 is deposited into another fund which pays an annual effective rate of discount of d for 15 years. The amounts of interest earned over the 15 years are equal for both funds. Calculate d						
	Answer:] x				
	Make comment or override grade Incorrect Correct answer: 0.073795 Marks for this submission	: 0/1.					
7 Marks: 1		of X. You are given: aking one payment of 900 at the end of year 15. Brian will repay his loan by making one payment of 2000 at the end of nvertible monthly being charged to Jenny is exactly one-half the nominal rate of interest convertible monthly being charg					
	Calculate X						
	Answer:] x				
	Make comment or override grade Incorrect Correct answer: 403.262495 Marks for this submission	: 0/1.					
8 🖢 Marks: 1	Jeff deposits 10 into a fund today and balance in the fund at the end of 30 v	d 20 15-year later. Interest for the first 7 years is credited at a nominal discount rate of d compounded quarterly, and the years is 164. Calculate d	reafter at a nominal interest rate of 8% compounded semiannually. The accumulated				
	Answer:] x				
	Make comment or override grade Incorrect Correct answer: 0.0692 Marks for this submission	: 0/1.					
9 🕝 Marks: 1	You are given δ_t = 3/(1+t). A payme	nt of 320 at the end of 4 years and 640 at the end of 8 years has the same present value as a payment of 220 at the end	d of 3 years and X at the end of 7 years. Calculus X				
	Answer:] x				

10 © Marks: 1	You are given:					
	 δ_t = 1/(5+t); and the total interest earned during the first n years on an investment of 1 at time t = 0 is 0.5. 					
	Determine n					
	Answer:] <i>x</i>			
	Make comment or override grade					
	Incorrect Correct answer: 2.5 Marks for this submission	: 0/1.				

Make comment or override grade Incorrect Correct answer: 0.212455

Marks for this submission: 0/1.

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